

Abstract

The present invention relates to a multivalued control system.

5 The multivalued control system (10) includes a controlled multivalued system (11), the controlled multivalued system (11) having a plurality of correcting variables (14, 15) as input variables and a plurality of controlled variables (12, 13) as output variables. Furthermore, a plurality of comparators
10 (24, 25) is provided for ascertaining control deviations (26, 27). A plurality of controllers (28, 29) is present, a control deviation (26, 27) being able to be supplied to each controller (28, 29) as an input variable.

15 The multivalued control system (10) according to the present invention has a correcting variable conversion device (32), output values (30, 31) made available by the controllers (28, 29) being able to be supplied to the correcting variable conversion device (32) as input variables; and the correcting
20 variable conversion device (32) ascertaining from the output variables (30, 31) of the controllers (28, 29) the correcting variables (14, 15) for the controlled multivalued system (11).

(Fig. 1)